| Set | Items | Description |
|-----|-------|-------------|
| S1 | 588 | (INTERNET? OR WWW OR WORLD?(N2)WEB? OR ONLINE? OR ON()LINE-?) (N4) (SHOP? OR ORDER? OR PURCHAS? OR SALE? OR PRODUCT?(N2)-SELECT?) |
| S2 | 103 | (ALTERNATIV? OR ALTERNAT? OR ANOTHER? OR SECOND? OR SUBSTI-TUT?)(N8) ((INTERNET? OR WEB? OR ONLINE? OR ON()LINE? OR RETA-IL?) (N5) (SOURCE? OR STORE? OR PAGE? OR WEBSITE?)) |
| S3 | 20446 | (RELAT? OR SIMILAR? OR CORRELAT? OR SUGGEST?(N2)ANOTHER? OR REPLAC? OR SUGGEST?) (N5) (ITEM? OR PRODUCT? OR MERCHANDIS? - OR GOOD? OR WARE?) |
| S4 | 0 | S1 AND S2 AND S3 |
| S5 | 0 | S1(S2)S2(S)S3 |
| S6 | 2 | S1 AND S2 |
| S7 | 19 | S1 AND S3 |
| S8 | 10 | S1 AND ((ALTERNAT? OR ANOTHER? OR SECOND? OR SUBSTITUT?) (-N5) (SOURCE? OR STORE? OR PAGE? OR WEBSITE?)) |

?

012326386 **Image available**
WPI Acc No: 1999-132493/199911
 Discount coupon method for obtaining discount in  on- line    purchases
 - involves supplier distributing coupons with codes on them that can be
 scanned or manually input to access supplier site offering discounts in
 on- line    purchases
Patent Assignee: NEOMEDIA TECHNOLOGIES INC (NEOM-N); DURST R T (DURS-I);
 HUNTER K (HUNT-I)
Inventor: DURST R T; HUNTER K
Number of Countries: 081  Number of Patents: 003
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| WO 9904326 | A2 | 19990128 | WO 98US14540 | A | 19980714 | 199911 | B |
| AU 9884843 | A | 19990210 | AU 9884843 | A | 19980714 | 199925 | |
| EP 1012690 | A2 | 20000628 | EP 98935645 | A | 19980714 | 200035 | |
| | | | WO 98US14540 | A | 19980714 | | |

Priority Applications (No Type Date): US 9823918 A 19980213; US 9752597 A
 19970715; US 97967383 A 19971108
Cited Patents: No-SR.Pub
Patent Details:
Patent No  Kind Lan Pg   Main IPC     Filing Notes
WO 9904326    A2 E  26 G06F-000/00
    Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
    CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS
    LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
    TT UA UG UZ VN YU ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW
AU 9884843    A        G06F-000/00   Based on patent WO 9904326
EP 1012690    A2 E     G06F-001/00   Based on patent WO 9904326
    Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
    LU MC NL PT SE

Abstract (Basic): WO 9904326 A
     NOVELTY - The network system, e.g. the **Internet** , has vendors
    distributing **purchase**  discount coupons (2). These have codes (2b) on
    them, e.g. in the form or bar codes, or aliases in addition to general
    information on the offer. The user can scan (14) the voucher and cause
    a client PC (16) to access a vendor site. **Alternately**  the alias
    allows direction to the discount **web**   page . The client is linked to
    the discount page and is able to make a discounted purchase. The bar
    code may also include a key to encrypt any credit card details.
     USE - Providing discount vouchers for **on -line**    purchases
     ADVANTAGE - Encourages client to visit vendor site and provides
    security keys and simplified access codes. DESCRIPTION OF DRAWING(S) -
    DESCRIPTION OF DRAWING(S) - Flow diagram for vouchers (2) discount
    voucher; (14,16) Client scanner/computer; (18) Vendor **on -line**   site
    for discounted **purchases**   .
     Dwg.1/3
Derwent Class: T01; T05; W01
International Patent Class (Main): G06F-000/00; G06F-001/00

008954678 **Image available**
WPI Acc No: 1992-081947/199211
 Communications network dynamic addressing arrangement -  dynamically
 associates each networks with respective second network address and
 connection address for duration of connection
Patent Assignee: AMERICAN TELEPHONE & TELEGRAPH CO (AMTT ); AT & T CORP

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| EP 474427 | A | 19920311 | EP 91307863 | A | 19910828 | 199211 | B |
| AU 9183408 | A | 19920312 | AU 9183408 | A | 19910827 | 199220 | |
| JP 4227150 | A | 19920817 | JP 91246564 | A | 19910902 | 199239 | |
| US 5166931 | A | 19921124 | US 90576820 | A | 19900904 | 199250 | |
| EP 474427 | B1 | 19951025 | EP 91307863 | A | 19910828 | 199547 | |
| DE 69114090 | E | 19951130 | DE 614090 | A | 19910828 | 199602 | |
| | | | EP 91307863 | A | 19910828 | | |

Priority Applications (No Type Date): US 90576820 A 19900904
Cited Patents: 2.Jnl.Ref
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| EP 474427 | A | | 14 | | |

Designated States (Regional): CH DE FR GB LI

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| JP 4227150 | A | | 11 | H04L-012/28 | |
| US 5166931 | A | | 12 | H04L-012/66 | |
| EP 474427 | B1 | E | 15 | H04L-012/56 | |

Designated States (Regional): CH DE FR GB LI

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| DE 69114090 | E | | | H04L-012/56 | Based on patent EP 474427 |
| AU 9183408 | A | | | H04M-009/00 | |

Abstract (Basic): EP 474427 A
    The arrangement assigns network addresses in an inter network
formed from a first network and a number of second networks, with the
networks requiring respective inter network addresses in order to
exchange messages with one another, and the networks being associated
with respective interconnected switching nodes. The arrangement
comprises an assigning unit for assigning to each of the networks a
common inter network address. A circuit, contained in the node
associated with the first network and operative on response to a
connection being established between the first network and one of the
second networks, dynamically associates the first network with a second
inter network address and associates the connection with a third inter
networ address, for supplying to the first network as the address of
the second network third address. It also supplies to the node
associated with the second network, as the inter network address of the
first network, the second address.
    Alternatively a message received via the inter network is changed
to the common inter network address and the source address is changed
to the connection address associated with the intended recipient.
    ADVANTAGE - Obviates need for administering network addresses in
inter network composed of number of networks by assigning to each
network common source address, rather than unique network address.
Abstract (Equivalent): EP 474427 B
    An arrangement for assigning network addresses in an internetwork
formed from a first network (300-1) and a plurality of second networks
(300-2,...,300-5), said networks requiring respective **internetwork**
addresses in **order** to exchange messages with one another, said
networks being associated with respective interconnected switching
nodes, said arrangement being characterised by means of assigning to
each of said networks a common internetwork address, and means,
contained in the node associated with said first network (300-1) and
operative responsive to a connection being established between said
first network and one of said second networks (300-1,...,300-5) for
dynamically associating said first network with a second internetwork
address and associating said connection with a third internetwork
address, for supplying to said first network as the address of said one
second network said third address, and for supplying to the node
associated with said one second network as the internetwork address of
said first network said second address.
    Dwg.1/6
Abstract (Equivalent): US 5166931 A
    A facility is provided which obviates the need of administering

network addresses ● an inter network composed of a ● number of networks, e.g. LANs by assigning to each network a common source address, rather than a unique network address. In addition, and when a connection is established between two of the networks, then, for the duration of the connection, each of those networks is dynamically associated with a respective second network address and a respective connection address, in which the connection address is used as a destination address.

Accordingly, when one of the networks transmits a message to the other network, the inter network identifies the proper connection as a function of the message destination address and then forwards the message to the intended recipient. In doing so, the **internet** changes the message **source** address to the **second** address associated with the one changes network and the message destination address to the second address associated with the other one of the two networks. Similarly, the source and destination addresses of a message received via the internet are respectively changed to the common address and associated connection address before the message is forwarded to the intended recipient.

ADVANTAGE - Allows dynamic addressing

Derwent Class: R57; W01
International Patent Class (Main): H04L-012/28; H04L-012/66; H04M-009/00
International Patent Class (Additional): G06F-013/00; H04L-012/46; H04L-012/56


**8/7/1      (Item 1 from file: 350)**
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.


013034246     **Image available**
WPI Acc No: 2000-206097/200018
**Electronic software distribution for point of sales involves wrapping software in electronic package on-the-fly, based on request from end user to download software**
Patent Assignee: RELEASE SOFTWARE CORP (RELE-N)
Inventor: LEE C
Number of Countries: 087  Number of Patents: 002
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| WO 200010071 | A1 | 20000224 | WO 99US18470 | A | 19990813 | 200018 | B |
| AU 9957751 | A | 20000306 | AU 9957751 | A | 19990813 | 200030 | |


Priority Applications (No Type Date): US 98134691 A 19980814
Patent Details:
Patent No  Kind Lan Pg   Main IPC     Filing Notes
WO 200010071 A1 E  34 G06F-001/00
    Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
    CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
    KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG
    SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW
AU 9957751    A        G06F-001/00   Based on patent WO 200010071


Abstract (Basic): WO 200010071 A1
    NOVELTY - A request associated with a software source is received from the end user to download the software. In response, the software is wrapped in an electronic package on-the-fly. The electronic package (26) comprising a component for controlling use of the software is transmitted to remote processing system.
    DETAILED DESCRIPTION - The wrapped software package is **stored** in a cache (33). **Another** request is received and is determined whether it corresponds to wrapped software package stored in the cache. If the request corresponds to the stored package, and package is retrieved from the cache and transmitted to the end user. INDEPENDENT CLAIMS are also included for the following:
        (a) program for electronic software distribution;
        (b) computer data signal;
        (c) system for on-the-fly wrapping of software

USE – For ele●onic point of **sales via Inter**●● . For
   electronic distribution of digital information such as fonts, images,
   etc.
        ADVANTAGE – Provides easy and quick distribution of information, in
   a customized manner. The software can be downloaded to the end user in
   any of various modes.
        DESCRIPTION OF DRAWING(S) – The figure illustrates the components
   of wrapping facility.
        Electronic package (26)
        Cache (33)
        pp; 34 DwgNo 7/13
Derwent Class: T01; T05
International Patent Class (Main): G06F-001/00


   **8/7/2      (Item 2 from file: 350)**
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

012431483     **Image available**
WPI Acc No: 1999-237591/199920
 **Electronic catalog production assistance apparatus for** online   shopping
 **- replaces selected printing pattern by** stored   alternative **pattern**
 **when width of selected printing pattern is more than standard width**
Patent Assignee: BROTHER KOGYO KK (BRER  )
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No      Kind    Date     Applicat No    Kind    Date     Week
JP 11066133    A    19990309  JP 97229559    A    19970826  199920  B

Priority Applications (No Type Date): JP 97229559 A 19970826
Patent Details:
Patent No  Kind Lan Pg   Main IPC     Filing Notes
JP 11066133   A        7 G06F-017/50

Abstract (Basic): JP 11066133 A
        NOVELTY – During designing a specific printing pattern with related
   standard width is read out from memory based on output of selector
   (17). Several **alternative** printing patterns are **stored** in the
   memory. When the width of selected printing pattern is more than the
   stored standard width the corresponding printing pattern is replaced by
   alternative printing patterns. DETAILED DESCRIPTION – Several printing
   pattern and corresponding standard width are stored separately. The
   size of printing pattern is varied according to output of size
   selector. The read printing pattern is modified according to the
   selected size.
        USE – For **online    shopping** .
        ADVANTAGE – Enables modification of selected printing pattern when
   the size does not corresponds to the selected width thereby enhances
   catalog designing. DESCRIPTION OF DRAWING(S) – The figure shows block
   diagram of electronic catalog production assistance apparatus. (17)
   Selector.
        Dwg.1/4
Derwent Class: P21; T01
International Patent Class (Main): G06F-017/50
International Patent Class (Additional): A41H-043/00; G06F-003/14;
  G06F-017/30


   **8/7/3      (Item 3 from file: 350)**
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

012056773     **Image available**
WPI Acc No: 1998-473684/199841
   On- line   shopping **system using** internet **- includes memory that**
  stores **first information and** second **information, which corresponds to**
 **connection of user apparatus obtained by switching system, with line**

number

Patent Assignee: FUJITSU LTD (FUIT  )
Inventor: KANEKO T
Number of Countries: 002   Number of Patents: 002
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| JP 10200575 | A | 19980731 | JP 971066 | A | 19970108 | 199841 | B |
| US 5983199 | A | 19991109 | US 97885685 | A | 19970630 | 199954 | |

Priority Applications (No Type Date): JP 971066 A 19970108
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
| JP 10200575 | A | | 14 | H04L-012/56 | |
| US 5983199 | A | | | G06F-015/16 | |

Abstract (Basic): JP 10200575 A
        The system includes a WWW server (1) that offers at least one
    homepage from each transmission port. A switching system (3) receives a
    PPP dial from a user apparatus through the WWW server. A conversion
    table (4) is used to convert the number of the transmission port of the
    WWW server to the line number of the line channel of the switching
    system which is connected to the transmission port.
        A number converter (5) converts the number of the transmission
    port, attached to a first information which corresponds to the
    connection of the user apparatus to the WWW server, to a corresponding
    line number with reference to the conversion table. A memory (6) stores
    the first information with the obtained line number. A second
    information corresponding to the connection of the user apparatus
    obtained by the switching system is stored by the memory with the line
    number.
        ADVANTAGE - Ensures automatic connection of manufacturer telephone
    to user telephone accessed to homepage, since user telephone accessed
    to homepage can be recognised through WWW server. Offers new service
    corresponding to two person connection since first and second
    informations stored  in memory can be utilised.
        Dwg.1/15
Derwent Class: T01; W01
International Patent Class (Main): G06F-015/16; H04L-012/56
International Patent Class (Additional): G06F-013/00; G06F-015/00;
  G06F-015/82; G06F-017/60; H04L-012/50; H04M-003/42


   **8/7/4       (Item 4 from file: 350)**
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

011986512     **Image available**
WPI Acc No: 1998-403422/199835
 **Information registration method using internet for electronic commercial
  transaction - involves coding user registration ID with two passwords
  which all maintained for every user to settle accounts**
Patent Assignee: YU CARD KK (YUCA-N)
Number of Countries: 001   Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| JP 10162067 | A | 19980619 | JP 96317828 | A | 19961128 | 199835 | B |

Priority Applications (No Type Date): JP 96317828 A 19961128
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
| JP 10162067 | A | | 9 | G06F-017/60 | |

Abstract (Basic): JP 10162067 A
        The method involves connecting multiple client terminal with a
    server through the network. The client terminal registration
    information is encoded with the first password, for the verification.
        The encode information is again coded with the second  password,
    and is stored in user's file. When the on -line    shopping  request

signal is receiv● the registered user is checke●y the referring the
user's file. Based on the registered information, the goods price
accounts is settled for the user.
        ADVANTAGE - Enables data security for every registered user.
    Prevents invalid use of credit card by third person.
        Dwg.10/15
Derwent Class: T01
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G06K-017/00


 **8/7/5      (Item 5 from file: 350)**
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

011565079    **Image available**
WPI Acc No: 1997-541560/199750
 **Image processing method using computer connected to network - involves
 synthesising image data and selecting pixel of image data with higher
 priority level, when pixels of image data in same position overlap**
Patent Assignee: HITACHI LTD (HITA  )
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No    Kind   Date     Applicat No    Kind   Date     Week
JP 9259252    A    19971003  JP 9665765      A    19960322  199750  B

Priority Applications (No Type Date): JP 9665765 A 19960322
Patent Details:
Patent No  Kind Lan Pg   Main IPC     Filing Notes
JP 9259252    A      14  G06T-001/00

Abstract (Basic): JP 9259252 A
        The method involves transferring an input image data relating to
    the image of the goods, from a first apparatus to a **second**  apparatus.
    The image data are **stored**  in the memory of the **second**  apparatus,
    and divided into several areas. The processing area image corresponding
    to each divided image data are formed and given with priority level.
        The processing image data are arranged according to the priority
    level and returned to the first apparatus. When the pixels of the
    processing image data in the same position overlap, the processing
    image data are synthesised and pixel of the processing image data with
    higher priority is selected. The final processing image is formed and
    the order sheets of goods are exhibited in the display device of the
    first apparatus.
        ADVANTAGE - Reduces load and communication time of network;
    provides image processing method which can be used for **online
  shopping**  and other applications.
        Dwg.4/10
Derwent Class: P85; T01; W01
International Patent Class (Main): G06T-001/00
International Patent Class (Additional): G06F-015/00; G06F-017/60;
  G06F-019/00; G09G-005/36


 **8/7/6      (Item 6 from file: 350)**
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

011355060    **Image available**
WPI Acc No: 1997-332967/199730
 **Incentive award program system with computer for online user interaction
 - provides user with online access to product and award program homepages
 linked to two memory areas, user uses form to order product
 electronically and to redeem award points towards chosen award
 electronically**
Patent Assignee: NETCENTIVES INC (NETC-N); STOREY T W (STOR-I)
Inventor: STOREY T W
Number of Countries: 021  Number of Patents: 004

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| WO 9722058 | A1 | 19970619 | WO 96US19728 | A | 19961211 | 199730 | B |
| US 5774870 | A | 19980630 | US 95572017 | A | 19951214 | 199833 | |
| EP 867006 | A1 | 19980930 | EP 96944791 | A | 19961211 | 199843 | |
| | | | WO 96US19728 | A | 19961211 | | |
| US 6009412 | A | 19991228 | US 95572017 | A | 19951214 | 200007 | |
| | | | US 98105227 | A | 19980625 | | |

Priority Applications (No Type Date): US 95572017 A 19951214; US 98105227 A
    19980625
Cited Patents: Jnl.Ref; US 5025372; US 5056019; US 5287268
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| WO 9722058 | A1 | E | 38 | G06F-015/21 | |

    Designated States (National): CA JP
    Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC
    NL PT SE

| | | | | | |
|---|---|---|---|---|---|
| US 6009412 | A | | | G06F-007/00 | Cont of application US 95572017 |
| | | | | | Cont of patent US 5774870 |
| EP 867006 | A1 | E | | G06F-015/21 | Based on patent WO 9722058 |

    Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU
    MC NL PT SE

| | | | | | |
|---|---|---|---|---|---|
| US 5774870 | A | | | G06F-007/00 | |

Abstract (Basic): WO 9722058 A
    The computer system includes a first memory area for storing a
    product catalogue which includes product descriptions and prices for
    each product available for purchase. A **second** memory area **stores** an
    awards catalogue which includes an award description and points value
    for each award.
    A frequency database stores account information for each enroled
    user of the incentive award program. The system provides a user with
    on-line access to product (110A) and award program (300) homepages
    linked to the two memory areas. A user is provided with an order form
    for **ordering** a product electronically. An **online** redeeming form for
    the user redeems award points towards a chosen award, again
    electronically.
    USE/ADVANTAGE - Relates to frequency and award redemption program,
    and online, interactive frequency and award redemption program.
    Provides online, interactive incentive program which is fully
    integrated.
    Dwg.1/6
Derwent Class: T01
International Patent Class (Main): G06F-007/00; G06F-015/21


 8/7/7      (Item 7 from file: 350)
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

008954678      **Image available**
WPI Acc No: 1992-081947/199211
 Communications network dynamic addressing arrangement - dynamically
 associates each networks with respective second network address and
 connection address for duration of connection
Patent Assignee: AMERICAN TELEPHONE & TELEGRAPH CO (AMTT  ); AT & T CORP
   (AMTT  ); AT & T BELL LAB (AMTT  )
Inventor: RIDDLE G G
Number of Countries: 008  Number of Patents: 006
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| EP 474427 | A | 19920311 | EP 91307863 | A | 19910828 | 199211 | B |
| AU 9183408 | A | 19920312 | AU 9183408 | A | 19910827 | 199220 | |
| JP 4227150 | A | 19920817 | JP 91246564 | A | 19910902 | 199239 | |
| US 5166931 | A | 19921124 | US 90576820 | A | 19900904 | 199250 | |
| EP 474427 | B1 | 19951025 | EP 91307863 | A | 19910828 | 199547 | |
| DE 69114090 | E | 19951130 | DE 614090 | A | 19910828 | 199602 | |

Abstract (Basic): EP 474427 A
     The arrangement assigns network addresses in an inter network
formed from a first network and a number of second networks, with the
networks requiring respective inter network addresses in order to
exchange messages with one another, and the networks being associated
with respective interconnected switching nodes. The arrangement
comprises an assigning unit for assigning to each of the networks a
common inter network address. A circuit, contained in the node
associated with the first network and operative on response to a
connection being established between the first network and one of the
second networks, dynamically associates the first network with a second
inter network address and associates the connection with a third inter
networ address, for supplying to the first network as the address of
the second network third address. It also supplies to the node
associated with the second network, as the inter network address of the
first network, the second address.
     Alternatively a message received via the inter network is changed
to the common inter network address and the source address is changed
to the connection address associated with the intended recipient.
     ADVANTAGE - Obviates need for administering network addresses in
inter network composed of number of networks by assigning to each
network common source address, rather than unique network address.
Abstract (Equivalent): EP 474427 B
     An arrangement for assigning network addresses in an internetwork
formed from a first network (300-1) and a plurality of second networks
(300-2,...,300-5), said networks requiring respective **internetwork**
addresses in **order**  to exchange messages with one another, said
networks being associated with respective interconnected switching
nodes, said arrangement being characterised by means of assigning to
each of said networks a common internetwork address, and means,
contained in the node associated with said first network (300-1) and
operative responsive to a connection being established between said
first network and one of said second networks (300-1,...,300-5) for
dynamically associating said first network with a second internetwork
address and associating said connection with a third internetwork
address, for supplying to said first network as the address of said one
second network said third address, and for supplying to the node
associated with said one second network as the internetwork address of
said first network said second address.
     Dwg.1/6
Abstract (Equivalent): US 5166931 A
     A facility is provided which obviates the need of administering
network addresses in an inter network composed of a number of networks,
e.g. LANs by assigning to each network a common source address, rather
than a unique network address. In addition, and when a connection is
established between two of the networks, then, for the duration of the
connection, each of those networks is dynamically associated with a
respective second network address and a respective connection address,
in which the connection address is used as a destination address.
     Accordingly, when one of the networks transmits a message to the
other network, the inter network identifies the proper connection as a
function of the message destination address and then forwards the
message to the intended recipient. In doing so, the internet changes

the message **source** address to the **second** address associated with
the one changes network and the message destination address to the
second address associated with the other one of the two networks.
Similarly, the source and destination addresses of a message received
via the internet are respectively changed to the common address and
associated connection address before the message is forwarded to the
intended recipient.
        ADVANTAGE - Allows dynamic addressing
Derwent Class: R57; W01
International Patent Class (Main): H04L-012/28; H04L-012/66; H04M-009/00
International Patent Class (Additional): G06F-013/00; H04L-012/46;
  H04L-012/56


 **8/7/8     (Item 1 from file: 347)**
DIALOG(R)File 347:JAPIO
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06234280    **Image available**
ELECTRONIC COUPON ISSUING EXCHANGING SYSTEM

PUB. NO.:      11-175851  [JP 11175851  A]
PUBLISHED:     July 02, 1999 (19990702)
INVENTOR(s):   TAKEDA HIROTOSHI
               ADACHI YUKIO
APPLICANT(s):  HITACHI LTD
APPL. NO.:     09-341086  [JP 97341086]
FILED:         December 11, 1997 (19971211)

ABSTRACT
PROBLEM  TO  BE  SOLVED: To provide an electronic coupon issuing exchanging
system  that  causes  few  losses  of  use  opportunities  of a coupon user,
requires low expenses of a coupon provider, does not need much time or cost
for  developing  an  **online  shopping** system and can flexibly review and
change a coupon issuing shop or a merchandise sales shop.

SOLUTION:  When  a coupon is issued by a shop (the first computer 110), its
issuing  past  record  information  is  transmitted to a server device (the
third  computer  130)  for  managing coupon issue use condition by way of a
communication  line  150.  Also, when an object merchandise is purchased by
that  coupon  at  **another  store** (the **second** computer 120), the coupon
issuing past  record  information is retrieved by way of the communication
line  150,  a  discount  service is performed on the shop side based on the
adaptable  coupon  information, its coupon exchange past record information
is transmitted to the computer 130 by way of the communication line 150 and
stored in a storage means.

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 **8/7/9     (Item 2 from file: 347)**
DIALOG(R)File 347:JAPIO
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01993177    **Image available**
CARRYING **ORDER**  CHANGING METHOD OF WORK **ON    LINE**

PUB. NO.:      61-207277  [JP 61207277  A]
PUBLISHED:     September 13, 1986 (19860913)
INVENTOR(s):   INUI HIROYUKI
APPLICANT(s):  TOYOTA MOTOR CORP [000320] (A Japanese Company or
               Corporation), JP (Japan)
APPL. NO.:     60-049956  [JP 8549956]
FILED:         March 13, 1985 (19850313)

ABSTRACT
PURPOSE:  To change the carrying order of work well while to carry the work
reliably  in  order by determining the order for taking out respective work

. while considering the storages of first and second words then storing respective work into the storage.

CONSTITUTION: Five rows of line-type storages 14-1-14-5 are arranged between the printing line 10 and the assembling line 12. A vehicle 16 from the painting line 10 is temporarily stored in said storage where the carrying order is changed then feed sequentially toward the assembling line 12. In other word, the order for taking-out is provided for respective vehicle 16 on the painting line 10 in the first process. The order for taking-out is determined while considering the number of storages 14. In **second** process, the vehicle 16 is **stored** sequentially and selectively in the most suitable storage 14 on the basis of said determined order. Then the vehicle 16 is sequentially fed toward the assembling line 12 in accordance to the determined order.


**8/7/10     (Item 3 from file: 347)**
DIALOG(R)File 347:JAPIO
(c) 2000 JPO & JAPIO. All rts. reserv.

00475249
ONLINE NETWORK SYSTEM FOR INFORMATION ON USED CAR STOCK REGISTRATION

PUB. NO.:      54-127249  [JP 54127249  A]
PUBLISHED:     October 03, 1979 (19791003)
INVENTOR(s):   MITSUI KUNIHIKO
               WATANABE KOICHIRO
               FUJITA NOBORU
               MASUKAWA TETSUO
APPLICANT(s):  TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:     53-034163  [JP 7834163]
FILED:         March 27, 1978 (19780327)

ABSTRACT
PURPOSE: To increase the turnover rate of stock sales with only one pipe for pieces of information on vehicles in stock and on needed ones, by installing exclusive-use terminal equipments in secondhand-car sales companies distributed in various places in the secondhand-car **sales** business world and by **online** -coupling them with a host computer installed in a commercial and industrial association through public circuits.

CONSTITUTION: At the center, host computer 21 is installed which has the memory system composed of data file 23 **stored** with information on the **secondhand** -car stock and system library 22 stored with a program for leading a processing request made by terminal 3 or its own input-output apparatus to the conclusion in an online or offline mode. Then, data inputted by its own input device are buffered, the dialing of a telephone set is done to call computer 21, and the receiver is set to an acoustic coupler for the indication of transmission. Further, a terminal equipment transmitting the buffering data is installed in each station and computer 21 performs a process according the abovementioned program by process request data from terminal 3 and then sends its answer to the terminal requesting the process.

**7/7/1     (Item 1 from file: 350)**
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

013177607     **Image available**
WPI Acc No: 2000-349480/200030
 **Remote communication link establishing system for** online goods
 **marketing and** shopping **has controller, which permits access of data**
 **from central facility through remote facility and provides transaction**
 **data**
Patent Assignee: WREN S C (WREN-I)
Inventor: WREN S C

Number of Countries: ● Number of Patents: 001 ●
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| US 6055514 | A | 20000425 | US 92855099 | A | 19920320 | 200030 | B |
| | | | US 9351743 | A | 19930422 | | |
| | | | US 94264184 | A | 19940622 | | |
| | | | US 94268309 | A | 19940629 | | |
| | | | US 96668561 | A | 19960621 | | |

Priority Applications (No Type Date): US 96668561 A 19960621; US 92855099 A
   19920320; US 9351743 A 19930422; US 94264184 A 19940622; US 94268309 A
   19940629
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| US 6055514 | A | | 12 | G06F-017/60 | CIP of application US 92855099 |
| | | | | | Cont of application US 9351743 |
| | | | | | CIP of application US 94264184 |
| | | | | | CIP of application US 94268309 |

Abstract (Basic): US 6055514 A
      NOVELTY - Each customer at remote communication facility (14)
   access the multimedia data relative to various goods and services,
   through respective computers (18). A controller permits the access of
   data from computer (32) in the central facility (12) through computer
   (18). Based on the access, required transaction data is forwarded.
      DETAILED DESCRIPTION - The multimedia data representing goods
   service and other details is stored in the database of central
   facility. Different data relevant to the request offered by the
   facility (14) is output using hypertext application software. The
   stopping point in the customer's browsing database is recognized based
   on which the browsing is continued. The data is browsed according to
   the model and manufacturing details of each goods selected by the
   customer. After each transaction, the customer profile is updated
   periodically.
      USE - For online goods marketing, shopping and financing
   services, to provide sales assistance to cars, boats, motorcycles,
   furniture, real estate and providing travel packages, entertainment,
   service contracts investments, employment service etc.
      ADVANTAGE - Facilitates customer to obtain relevant assistance for
   each service, thereby sales promotion and customer service are
   improved. Reduces costs associated with the marketing and administering
   various products, due to centralized administration of selling of
   products. Enables retrieving desired data without need for sales or
   service representative thereby raises transaction privacy of customers.
   Quick scrutinizing of desired candidates for job assignment is
   possible, due to centralized browsing.
      DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
   remote communication link establishing system.
      Central facility (12)
      Remote facility (14)
      Computers (18,32)
      pp; 12 DwgNo 1/1
Derwent Class: T01
International Patent Class (Main): G06F-017/60

 7/7/2     (Item 2 from file: 350)
DIALOG(R)File 350:Derwent
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013050178     **Image available**
WPI Acc No: 2000-222032/200019
 Collecting data over network from peripheral devices in  order to
 control them via  internet, using data packets sent over separate
 couplings between network operated device, activated nodes and target
 nodes
Patent Assignee: AXIS AB (AXIS-N)
Inventor: ADOLFSSON J

Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No       Kind    Date      Applicat No      Kind    Date      Week
SE 9901503      A       19991025  SE 991503        A       19990426  200019  B

Priority Applications (No Type Date): US 9866071 A 19980424
Patent Details:
Patent No  Kind Lan Pg   Main IPC      Filing Notes
SE 9901503      A       93  G06F-003/00

Abstract (Basic): SE 9901503 A
     NOVELTY - A first data packet is received by a network-operated
device via a first coupling between the device and an activated node
used to collect data, then this first coupling is disconnected and a
second coupling is formed between the device and at least one target
node responding to the data transfer request sent out by the device,
and then a second packet is sent via the second coupling in response to
the data transfer request. DETAILED DESCRIPTION - INDEPENDENT CLAIMS
are also included for (a) a second data collection method similar to
the one above, where the data packet includes a node address, (b) a
method for distributing data from a network-operated in/out device
(NEIOD), (c) a method for collecting and distributing dat from a NEIOD,
(d) a method for sending and receiving dynamic data from a network node
using a NEIOD, (d) a method for creating a dynamic display of data
collected from nodes in a network, and (e) the NEIOD device.
     USE - For monitoring and configuring peripheral devices via a
network such as the internet. The same principle can be used to enable
a web browser to access a graphic user interface (GUI) to monitor the
devices over the internet.
     ADVANTAGE - Peripheral devices in homes and offices can be
constantly monitored so that the best time for servicing, repair work
or **product    replacement** can be determined. The same method allows
machinery, equipment, heating systems, air conditioning systems and
safey systems to be monitored from any point in the world. DESCRIPTION
OF DRAWING(S) - Figure 1 shows a server receiving information over a
network from a number of network-driven devices. (100) TCP/IP network;
(102) Server; (104) Work station; (110) Reply module; (112) Swipe card
machine; (114) Swipe card; (120) Reply module; (122) Video camera;
(130) Reply module; (132) Thermometer; (140) Reply module; (142)
Thermometer; (150) Processor.
     Dwg.1/25
Derwent Class: T01; T04; T05
International Patent Class (Main): G06F-003/00


 **7/7/3      (Item 3 from file: 350)**
DIALOG(R)File 350:Derwent
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012965600      **Image available**
WPI Acc No: 2000-137451/200012
 **Virtual** sales **representative system for** on- line    shopping **via**
   internet
Patent Assignee: ACTIVEPOINT LTD (ACTI-N); FRIEDMAN M M (FRIE-I)
Inventor: AVRAHAM G B; SHEVCHENKO V; TAVOR O; BEN A G
Number of Countries: 086  Number of Patents: 003
Patent Family:
Patent No       Kind    Date      Applicat No      Kind    Date      Week
WO 200003329    A1      20000120  WO 99US14994     A       19990702  200012  B
AU 9949662      A       20000201  AU 9949662       A       19990702  200028
US 6070149      A       20000530  US 98109726      A       19980702  200033

Priority Applications (No Type Date): US 98109726 A 19980702
Patent Details:
Patent No  Kind Lan Pg   Main IPC      Filing Notes
WO 200003329  A1 E 136  G06F-017/00
     Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
     CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU⬤ MD MG MK MN MW MX NO NZ PL PT⬤ RU SD SE SG SI SK
SL TJ TM TR TT UA⬤ US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW
AU 9949662    A       G06F-017/00    Based on patent WO 200003329
US 6070149    A       G06F-017/60

Abstract (Basic): WO 200003329 A1
        NOVELTY - A sale engine unit (10) analyzes one answer of the user
    according to rule of E-shop (24), based on which another question is to
    be asked or type of **product** to be **suggested** to the user is
    determined. According to the answer from the user and rule base of
    E-shop, type of product being selected by the user is displayed, for
    guiding customer to target product.
        DETAILED DESCRIPTION - At least one question about the product is
    enquired to the user by an E-shop with rule base that interprets the
    answer of the user. A GUI (22) being displayed by computer, presents
    and receives one question and answer to and from the user to sales
    engine unit. The E-shop and sales engine unit send and receive data to
    and from GUI through web server protocol. The E-shop, sales engine unit
    and GUI are presented to the user through applet which is a stand-alone
    software program. INDEPENDENT CLAIMS are also included for the
    following:
        (a) method for secure transmission of number over network;
        (b) method for providing virtual sales representative for selling
    of a product.
        USE - For **on -line** **shopping** via **internet** , electronic **sales**
    , electronic commerce etc.
        ADVANTAGE - By guiding the customer to target product, the system
    will shorten the search cycle for the customer as well as find better
    matched **products** . Provides market advisory, **suggestion** , recommend,
    discussion, comment to the customer regarding the product, by enabling
    users to interact with the interactive **sales** representatives system
    via **WWW** for **sales** guidance.
        DESCRIPTION OF DRAWING(S) - The figure shows schematic block
    diagram of sales representative system.
        Sales engine unit (10)
        GUI (33)
        E-shop (24)
        pp; 136 DwgNo 1/22
Derwent Class: T01
International Patent Class (Main): G06F-017/00; G06F-017/60


 **7/7/4      (Item 4 from file: 350)**
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

012804275    **Image available**
WPI Acc No: 1999-610505/199952
 **Desired product data accessing method in** online    shopping **system**
Patent Assignee: BLINN A (BLIN-I); COHEN M A (COHE-I); LORTON M (LORT-I);
   STEIN G J (STEI-I)
Inventor: BLINN A; COHEN M A; LORTON M; STEIN G J
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No     Kind    Date    Applicat No    Kind    Date      Week
US 5974418    A   19991026  US 96732013    A   19961016  199952  B

Priority Applications (No Type Date): US 96732013 A 19961016
Patent Details:
Patent No  Kind Lan Pg   Main IPC     Filing Notes
US 5974418    A     21 G06F-017/30

Abstract (Basic): US 5974418 A
        NOVELTY - Database queries are formulated to return access objects
    whose information records **relating** to different **products** are
    formatted as required by **online** **shopping** system. A particular

database query from online shopping system is submitted to legacy database which returns the access object that is processed to obtain desired product data.

DETAILED DESCRIPTION - Multiple database queries are associated with corresponding query names in cross reference. A particular database query is obtained from cross reference. The information records of access objects are formatted as required by online shopping system rather than being formatted in accordance with predefined schema of legacy database.

USE - In online shopping system for accessing desired product data from legacy database.

ADVANTAGE - Enables merchants to protect their investment in legacy merchant systems and applications by providing a mechanism that adapts to their existing database schemas. Provides cost effective solution to merchants having existing databases as they can avoid substantial costs in converting their existing databases to predefined schema. Enables rapid development, prototyping and testing of network applications interacting with databases because developers can focus on improving the applications instead of debugging their interaction or communication with database. Enables developers of online merchant system to provide multiplicity of application templates embedding a wide variety of directives to dynamically generate web pages. Accommodates wide variety of merchant business rules through the use of access objects to return database queries.

DESCRIPTION OF DRAWING(S) - The figure shows flowchart of processing of access object.

pp; 21 DwgNo 1/11
Derwent Class: T01
International Patent Class (Main): G06F-017/30


**7/7/5      (Item 5 from file: 350)**
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

012765398      **Image available**
WPI Acc No: 1999-571526/199948
 **Interactive object-driven database product selection system for use in business environment**
Patent Assignee: COMPAQ COMPUTER CORP (COPQ  )
Inventor: ALOSE G L; BRAYTON R S; CHAVEZ J E; DAWSON S M; HILES P E; MCCANN P H
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| US 5963939 | A | 19991005 | US 97941789 | A | 19970930 | 199948 | B |

Priority Applications (No Type Date): US 97941789 A 19970930
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|-----|----------|--------------|
| US 5963939 | A | | 118 | G06F-017/30 | |

Abstract (Basic): US 5963939 A
NOVELTY - A user interface specifies the **product** class and the corresponding **relative** and logical performance parameter. The interface also displays the product with the corresponding physical performance parameter.

DETAILED DESCRIPTION - A calibration table is coupled to a database including at least one class of product having physical performance parameters. The calibration table provides a translation between physical and relative, logical performance parameters, such that a product with a particular physical performance parameter is selected responsive to specification of the relative and logical performance curve parameter. An INDEPENDENT CLAIM is also included for computer implemented interactive object-driven database product selection method.

USE - For interactive object-driven database **product    selection** in business environment, **internet   related** services, storage and

data retrieval methodologies e.g. for new networking products, telecommunication products.
    ADVANTAGE - Variety of tools enable value added reseller (VAR) to identify the needs of particular customer or end user, select an appropriate solution of equipment, software and networking products to meet the customers need. Since the database also includes retrofit information, new products can be installed into existing networks. The incremental editor allows user to identify a particular product for expert mode. Accessing of incremental editor is enabled to substitute a different product for the product identified.
    DESCRIPTION OF DRAWING(S) - The figure shows the conceptual diagram of product selection system.
    pp; 118 DwgNo 7/58
Derwent Class: T01
International Patent Class (Main): G06F-017/30


**7/7/6**     **(Item 6 from file: 350)**
DIALOG(R)File 350:Derwent
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012598682     **Image available**
WPI Acc No: 1999-404788/199934
**Method collecting marketing data by collecting at point of sale line item data pertaining to several transactions, establishes communication link between point of sale and credit authorisation location**
Patent Assignee: MOREHOUSE B (MORE-I); RIORDAN J (RIOR-I)
Inventor: MOREHOUSE B; RIORDAN J
Number of Countries: 083   Number of Patents: 003
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| WO 9927478 | A1 | 19990603 | WO 98US24893 | A | 19981118 | 199934 | B |
| AU 9915966 | A | 19990615 | AU 9915966 | A | 19981118 | 199944 | |
| US 6078891 | A | 20000620 | US 97977479 | A | 19971124 | 200035 | |

Priority Applications (No Type Date): US 97977479 A 19971124
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| WO 9927478 | A1 | E | 30 | G06F-017/60 | |

   Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

| AU 9915966 | A | | | G06F-017/60 | Based on patent WO 9927478 |
| US 6078891 | A | | | G06F-017/60 | |

Abstract (Basic): WO 9927478 A1
    NOVELTY - The electronic invoice containing line item data is identified by the payment vehicle number is created and sent to a credit authorisation location (170) for credit authorisation. This location forwards the invoice to a data warehouse (185) which can be located remote to the credit authorisation location. The **warehouse** has **related** data structures for analysis and searching of collected data.
    USE - For collecting and processing marketing data.
    ADVANTAGE - Provides for efficient collection and organisation of marketing data.
    DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of the system architecture suitable for implementing **sales** transactions conducted via the **Internet** .
    the credit authorisation location (170)
    the data warehouse (185)
    pp; 30 DwgNo 1/6
Derwent Class: T01
International Patent Class (Main): G06F-017/60

012570466    **Image available**
WPI Acc No: 1999-376573/199932
 On-line merchandise management system for commercial transaction service
 - has terminal equipment at server side to forward serial number
 specifying purchaser and corresponding demanded goods to client in
 response to purchasing demand from client
Patent Assignee: JUST SYSTEM KK (JUST-N)
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| JP 11143954 | A | 19990528 | JP 97312378 | A | 19971113 | 199932 | B |

Priority Applications (No Type Date): JP 97312378 A 19971113
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| JP 11143954 | A | | 35 | G06F-017/60 | |

Abstract (Basic): JP 11143954 A
      NOVELTY - A purchasing approval to client (1) by a server system
   (2) is granted in response to client's purchasing demand. A terminal
   equipment (3) at the server side forwards the serial numbers specifying
   the goods and the purchaser who demanded the goods, to client. After a
   goods reception confirmation message from client, the terminal
   equipment performs purchaser's account processing. DETAILED DESCRIPTION
   - INDEPENDENT CLAIMS are also included for the following: online
   merchandise management procedure; recording medium for recording online
   merchandise management program
      USE - For commercial transaction service in online   shopping .
      ADVANTAGE - As the corresponding relationship between the
   purchaser and the goods  demanded by him is managed by serial numbers
   which are forwarded to client, the system performs an effective
   implementation of commercial transaction services. DESCRIPTION OF
   DRAWING(S) - The figure shows the functional block diagram of online
   merchandise management system. (1) Client; (2) Server system; (3)
   Terminal equipment.
      Dwg.1/19
Derwent Class: T01
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G06F-013/00

012525986    **Image available**
WPI Acc No: 1999-332092/199928
 Event guide and production system for events perusal in client-server
 communication network - confirms whether accessing person is common
 person or  production   related person and thereby displays information
 relevant to events to client
Patent Assignee: DIGITI MINIMI KK (DIGI-N); ISA YG (ISAI-N)
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| JP 11120229 | A | 19990430 | JP 97284142 | A | 19971016 | 199928 | B |

Priority Applications (No Type Date): JP 97284142 A 19971016
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| JP 11120229 | A | | 27 | G06F-017/60 | |

Abstract (Basic): JP 11120229 A

NOVELTY - The first information processor displays several event
names to connected clients. The second processor receives the
designated event name of the client. A decision unit evaluates whether
the accessing person is a common person or a **production** **related**
person and the third processor accepts ticket purchasing application
and displays information relevant to the events. DETAILED DESCRIPTION -
The server and its several clients are connected to the event
production drafting system via a communication network (110). The
memory unit stores the production information about the event names. An
INDEPENDENT CLAIM is also included for the recording medium storing
event guide and drafting information.
      USE - In client server communication network such as **Internet** for
**purchase** of goods, or selling boarding ticket of aeroplane or train.
      ADVANTAGE - Perusal of production relevant information is
simplified. DESCRIPTION OF DRAWING(S) - The figure shows the block
diagram of event guide and production system. (110) Communication
network.
      Dwg.1/26
Derwent Class: T01
International Patent Class (Main): G06F-017/60

012431520      **Image available**
WPI Acc No: 1999-237628/199920
 **Delivery control system in goods shipment - has position management**
 **system which** correlates    goods **arrival with pending** orders **and**
 **outputs result to** internet **through server**
Patent Assignee: FUJI ELECTROCHEMICAL CO LTD (FJIC  )
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No      Kind    Date      Applicat No    Kind    Date      Week
JP 11066171    A     19990309 JP 97224149      A     19970821 199920  B

Priority Applications (No Type Date): JP 97224149 A 19970821
Patent Details:
Patent No  Kind Lan Pg    Main IPC      Filing Notes
JP 11066171   A      10 G06F-017/60

Abstract (Basic): JP 11066171 A
      NOVELTY - A shipping management system (6) records the backlog of
orders with reference to goods purchase order number and relevant data.
A position management system (1) **correlates    goods** arrival with the
pending orders and outputs the result to internet (7) through a server
(8). DETAILED DESCRIPTION - A register stores data of goods order
received with purchase order reference, quantity, item, price. The
information of pending order remaining to be executed are compiled
based on the registered content by an order management system (3). An
INDEPENDENT CLAIM is included for recording medium storing program for
execution of delivery control method.
      USE - In goods shipment.
      ADVANTAGE - Generalization management of information such as
backlog in each position and **order** remaining is performed by **WWW**
server thereby materializing the system for managing order
systematically. Offers an efficient and quick disposal of pending
orders to achieve client's satisfaction. DESCRIPTION OF DRAWING(S) -
The figure shows systematic block diagram of delivery control system in
goods shipment. (1) Position management system; (3) Order management
system for backlog; (6) Shipping management system; (7) Internet; (8)
Server.
      Dwg.1/4
Derwent Class: T01
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G06F-019/00

DIALOG(R)File 350:Derwent

012302998     **Image available**
WPI Acc No: 1999-109104/199910
 **Computer based on-line commerce method - uses significance level
 prioritisation of user criteria that must be satisfied during searches by
 intelligent agent**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC  ); IBM CORP (IBMC  )
Inventor: CARTER J M; WEST E J W
Number of Countries: 004  Number of Patents: 004
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| GB 2328530 | A | 19990224 | GB 9717899 | A | 19970823 | 199910 | B |
| JP 11110347 | A | 19990423 | JP 98198250 | A | 19980714 | 199927 | |
| KR 99023452 | A | 19990325 | KR 9832182 | A | 19980807 | 200024 | |
| TW 371335 | A | 19991001 | TW 98106623 | A | 19980429 | 200036 | |

Priority Applications (No Type Date): GB 9717899 A 19970823
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| GB 2328530 | A | | 19 | G06F-017/60 | |
| JP 11110347 | A | | 10 | G06F-015/00 | |
| KR 99023452 | A | | | G06F-017/60 | |
| TW 371335 | A | | | G06F-017/60 | |

Abstract (Basic): GB 2328530 A
     The method utilises an intelligent agent to process groups of
  interrelated commercial requests issued by a client computer. The
  intelligent agent receives the requests and finds servers that satisfy
  the criteria. Each request has at least one preferred value that
  indicates the client's priorities.
     The significance weightings are added to selections identifying
  mandatory requests and less significant **items** . These may be inter-
  **related** issues such as a flight booking on a specific day that is
  mandatory, with a less important theatre visit in the destination city.
     USE - **Internet** based **shopping** and commerce activities,
  particularly for inter-**related** **products** or services.
     ADVANTAGE - Ensures that the client gets the best deal performed by
  the intelligent agent. All avenues are fulfilled to generate request
  options, with priority and mandatory options fulfilled first.
     Dwg.2/3
Derwent Class: T01; W01
International Patent Class (Main): G06F-015/00; G06F-017/60
International Patent Class (Additional): G06F-013/00

DIALOG(R)File 350:Derwent

012280451     **Image available**
WPI Acc No: 1999-086557/199908
 **Electronic trading system for** online  shopping **using** internet **-
 transmits accounts settlement demand to respective system, when purchaser
 terminal transmits transaction information on goods**
Patent Assignee: NTT DATA TSUSHIN KK (NITE  )
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| JP 10320470 | A | 19981204 | JP 97130866 | A | 19970521 | 199908 | B |

Priority Applications (No Type Date): JP 97130866 A 19970521
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|---|---|---|---|---|
| JP 10320470 | A | | 17 | G06F-017/60 | |

Abstract (Basic): JP 10320470 A
     The system includes a terminal (13) into which the selling person
inputs the registration demand of goods. Accordingly, the terminal (13)
decides the price of goods, based on the brand name and purchasing
number, and transmits it to an authentication unit (15) which stores
the information through a network (20). A purchaser inputs the
purchasing demand of goods into a terminal (11) which acquires the
corresponding goods information from the authentication unit and
displays it.
     From the displayed information, the purchaser selects the goods to
be purchased and inputs the corresponding goods number. Based on the
price of the **goods** displayed, **relative** to the input number, the
purchaser presses an order button. Subsequently, the terminal (11)
transmits the transaction information on goods by the purchaser, to the
authentication unit which transmits a settlement of accounts demand to
a system (17).
     ADVANTAGE - Mediates negotiations. Enables operating various sales
processes.
     Dwg.1/16
Derwent Class: T01; T05; W01
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G06F-019/00


 **7/7/12      (Item 12 from file: 350)**
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

012280435      **Image available**
WPI Acc No: 1999-086541/199908
 **Goods** ordering **method using** internet - **involves transmitting design**
 **of** goods relating **to demanded mail order, to customer terminal, using**
 **which customer selects best fit design and sends purchase order to server**
 **terminals**
Patent Assignee: HITACHI LTD (HITA  )
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| JP 10320454 | A | 19981204 | JP 97128287 | A | 19970519 | 199908 | B |

Priority Applications (No Type Date): JP 97128287 A 19970519
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
| JP 10320454 | A | | 7 | G06F-017/60 | |

Abstract (Basic): JP 10320454 A
     The method involves transmitting the design of the goods, ordered
by mail order, to respective terminals (210-212) that has demanded the
mail order. The design which fits the customer satisfaction is selected
from the displayed goods and the purchased order is sent to the server
system (201).
     ADVANTAGE - Improves customer satisfaction. Prevents communication
gap between customer and mail order centre.
     Dwg.2/8
Derwent Class: T01
International Patent Class (Main): G06F-017/60


 **7/7/13      (Item 13 from file: 350)**
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

011860108      **Image available**
WPI Acc No: 1998-277018/199825
 **Goods display method used in** on- line shopping - **involves displaying**
 **selected** item **with relevant** related item **on screen for enhancing**
 **purchasing probability**

Patent Assignee: HITA● LTD (HITA )
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No     Kind   Date      Applicat No    Kind    Date       Week
JP 10091684    A    19980410   JP 96243463     A     19960913   199825  B

Priority Applications (No Type Date): JP 96243463 A 19960913
Patent Details:
Patent No  Kind Lan Pg   Main IPC    Filing Notes
JP 10091684    A      11 G06F-017/60

Abstract (Basic): JP 10091684 A
        The method involves displaying the selected **item** with a relevant
    **related** **item** automatically on a screen. A probability of purchasing
    the **related** **item** with the selected **item** is defined
    simultaneously. Then, the goods purchased by consumer is efficiently
    found.
        ADVANTAGE - Reduces labour. Improves sales and versatility.
        Dwg.1/23
Derwent Class: P85; T01
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G06F-003/14; G09F-009/00


 7/7/14      **(Item 14 from file: 350)**
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

011565079    **Image available**
WPI Acc No: 1997-541560/199750
 **Image processing method using computer connected to network - involves**
 **synthesising image data and selecting pixel of image data with higher**
 **priority level, when pixels of image data in same position overlap**
Patent Assignee: HITACHI LTD (HITA  )
Number of Countries: 001  Number of Patents: 001
Patent Family:
Patent No     Kind   Date      Applicat No    Kind    Date       Week
JP 9259252     A    19971003   JP 9665765      A     19960322   199750  B

Priority Applications (No Type Date): JP 9665765 A 19960322
Patent Details:
Patent No  Kind Lan Pg   Main IPC    Filing Notes
JP 9259252     A      14 G06T-001/00

Abstract (Basic): JP 9259252 A
        The method involves transferring an input image data **relating** to
    the image of the **goods** , from a first apparatus to a second apparatus.
    The image data are stored in the memory of the second apparatus, and
    divided into several areas. The processing area image corresponding to
    each divided image data are formed and given with priority level.
        The processing image data are arranged according to the priority
    level and returned to the first apparatus. When the pixels of the
    processing image data in the same position overlap, the processing
    image data are synthesised and pixel of the processing image data with
    higher priority is selected. The final processing image is formed and
    the order sheets of goods are exhibited in the display device of the
    first apparatus.
        ADVANTAGE - Reduces load and communication time of network;
    provides image processing method which can be used for **online**
    **shopping** and other applications.
        Dwg.4/10
Derwent Class: P85; T01; W01
International Patent Class (Main): G06T-001/00
International Patent Class (Additional): G06F-015/00; G06F-017/60;
  G06F-019/00; G09G-005/36


 7/7/15      **(Item 15 from file: 350)**

011456788      **Image available**
WPI Acc No: 1997-434695/199740
 **Selecting and purchasing method for colour contact lenses through virtual
 shop - in which group of spectacle frames are selected and suggested
 according to user defined preferences, and cosmetic features of
 customer's face**
Patent Assignee: BECHARA S J (BECH-I)
Inventor: BECHARA S J
Number of Countries: 019  Number of Patents: 002
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| WO 9729441 | A1 | 19970814 | WO 97BR2 | A | 19970205 | 199740 | B |
| BR 9600543 | A | 19971230 | BR 96543 | A | 19960206 | 199807 | |

Priority Applications (No Type Date): BR 96543 A 19960206
Cited Patents: EP 576268; EP 61918; US 4730260; US 4845184; US 4852184; US
  5171386
Patent Details:

| Patent No | Kind Lan Pg | Main IPC | Filing Notes |
|---|---|---|---|
| WO 9729441 | A1 E  22 | G06F-017/60 | |

    Designated States (National): US
    Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC
    NL PT SE

| BR 9600543 | A | G06F-017/60 | |
|---|---|---|---|

Abstract (Basic): WO 9729441 A
      The method for automating the commercial activity of an optical
  shop involves using an imaging apparatus which picks up the face of the
  customer. According to the customer's cosmetic preferences and the
  features of the image of the face, an operating program presents a
  showcase with **suggestions**  of best fit eyewear **products**  e.g
  spectacles and frames and colour contact lenses.
      From the suggested showcase, the customer is able to try on and
  compare eyewear products on the image of the face. Once an eyewear
  product is chosen, the purchase order may be confirmed, and a computer
  unit, connected to an assembling machine through a communications
  program, provides immediate assembling and delivery of the chosen
  eyewear products.
      USE - Automating process of choosing and buying colour contact
  lenses using virtual optical shop. Access to virtual optical **shop**  may
  be reached through **Internet**  by customer, allowing process to be
  carried out from home computer.
      Dwg.2/5
Derwent Class: T01; T04; W01
International Patent Class (Main): G06F-017/60


 **7/7/16      (Item 16 from file: 350)**

011412832      **Image available**
WPI Acc No: 1997-390739/199736
 **Data processor for e.g.**  on- line   shopping - **has supply unit that
 provides product data matching entered contribution data to requesting
 user terminal**
Patent Assignee: SONY CORP (SONY  )
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|---|---|---|---|---|---|---|---|
| JP 9171450 | A | 19970630 | JP 95349383 | A | 19951220 | 199736 | B |

Priority Applications (No Type Date): JP 95349383 A 19951220
Patent Details:

| Patent No | Kind Lan Pg | Main IPC | Filing Notes |
|---|---|---|---|

'JP 9171450    A

Abstract (Basic): JP 9171450 A
       The processor (3) is connected to several terminals (1) through a
    public telecommunication network (2). The processor has a **product**
    data memory which stores data **relating** to several **products** .
       A contribution data memory matches the contribution data, entered
    and transmitted by a user through a terminal, with the stored product
    data. A supply unit provides the product data matching the contribution
    data to the requesting user terminal.
       ADVANTAGE - Easily obtains product and contribution data.
    Simultaneously displays product data and contribution data entered by
    user.
       Dwg.1/45
Derwent Class: T01
International Patent Class (Main): G06F-003/14
International Patent Class (Additional): G06F-012/00; G06F-013/00;
  G06F-017/60


 **7/7/17      (Item 17 from file: 350)**
DIALOG(R)File 350:Derwent
(c) 2000 Derwent Info Ltd. All rts. reserv.

011382925    **Image available**
WPI Acc No: 1997-360832/199733
 **Computer aided analysis method of goods selling promotion effect in
 departmental store - involves performing registration of purchase
 information from customers and actual purchase information and their
 analysis with customer identification**
Patent Assignee: HITACHI LTD (HITA  )
Number of Countries: 001  Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week | |
|-----------|------|------|-------------|------|------|------|---|
| JP 9153094 | A | 19970610 | JP 95313839 | A | 19951201 | 199733 | B |

Priority Applications (No Type Date): JP 95313839 A 19951201
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
| JP 9153094 | A | | 22 | | |

Abstract (Basic): JP 9153094 A
       The method involves performing registration of information
    pertaining to customers. The customer attribute information is
    identified with customer identifier. An information providing log
    stores information **relating** to **goods** referred to by the customer
    beforehand. A purchase log stores corresponding information during
    actual purchase by customers.
       The customer attribute information providing log and purchase log
    are searched using customer identification. The selling promotion
    effect of goods recorded in information providing log is analysed.
       ADVANTAGE - Increases efficiency in design of selling promotion.
    Aids decision making in goods arrangement, **online   shopping** .
    Analyses selling promotion effect effectively.
       Dwg.1/19
Derwent Class: T01; T05
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G07G-001/12


 **7/7/18      (Item 1 from file: 347)**
DIALOG(R)File 347:JAPIO
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06450507    **Image available**
ELECTRONIC COMMERCIAL TRANSACTION SERVICE SYSTEM IN POS UTILIZING IC CARD

PUB. NO.:    20-00036079  [JP 2000036079 A]

## ABSTRACT

PROBLEM TO BE SOLVED: To provide an electronic commercial transaction service system for enabling a commercial transaction on the **Internet** in a **shop** and guaranteeing security.

SOLUTION: A POS 1 accesses an electronic **shop** 30 present on the **Internet** through the network 2 of a modem or a LAN or the like and the products 31 of the electronic shop 30 are displayed at a customer display 11. A customer purchases the product of the electronic shop 30 from the customer display 11 **similarly** to the actual **product** displayed inside the shop. In the case that the customer purchases the product 31 of the electronic shop 30, an IC card 4 issued from a credit company 40 or the like for which electronic money is paid beforehand is inserted to an IC card reader/writer 5 connected to the POS 1 and individual authentication is performed on the Internet by a system (SET or the like) stipulated by the credit company. When the authentication is completed, by selecting the product by a touch panel 12 on the customer display 11 of the POS 1, ordering is completed. Since an account is settled by the electronic money inside the IC Card 4, cash is not transferred.

 **7/7/19** (**Item 2 from file: 347**)

05808584 **Image available**
ARTICLE DISPLAY METHOD FOR **ON LINE SHOPPING**

## ABSTRACT

PROBLEM TO BE SOLVED: To save the consumer's trouble to select an article and increase shop- side sales by referring to an **item** which is deeply **relative** to a selected **item** in a storage device and displaying them on a screen once a consumer of **on line shopping** selects the item.

SOLUTION: A consumer terminal 12 receives information from a shop server 15 and displays a list of categories of articles handled at the virtual shop. The consumer selects the category of a desired item (article) to be purchased out of the category list and inputs it to the consumer terminal 12, and then the selected category code is sent to the shop server 15. The shop server 15 extracts an item code belonging to the sent category code from an article master 23, collates the item information corresponding to the extracted item code against an article information master 22, and sends it to the consumer terminal 12. The consumer terminal 12 displays an item list by using the sent item information
?